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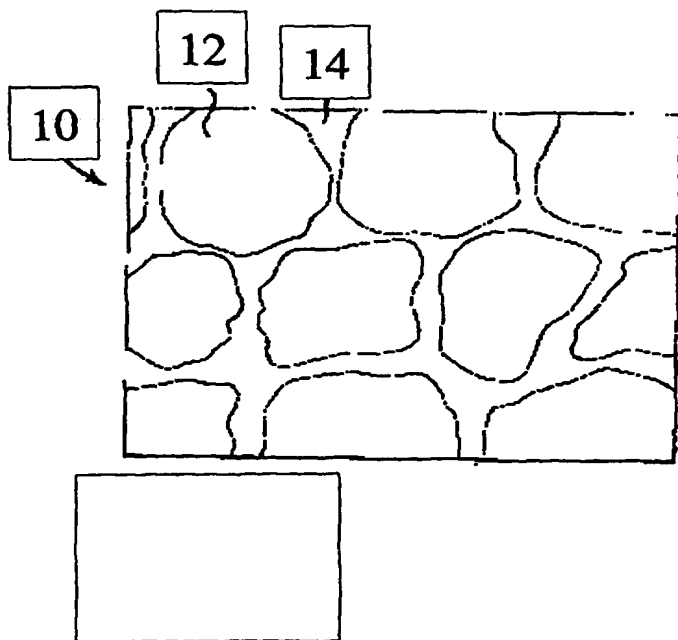
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(54) Title: METHOD OF MAKING DENSE COMPOSITES OF BULK-SOLIDIFYING AMORPHOUS ALLOYS AND ARTICLES THEREOF



(57) Abstract: A method of making composites (10) of bulk-solidifying amorphous alloys (14) containing at least one type or reinforcement material (12), wherein the composite material (10) preferably comprises a high volume fraction of reinforcement material (12) and is fully-dense with minimum porosity, is provided. Articles made by the method are also provided.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22522

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C22C 45/02, 45/10
US CL : 148/403, 421, 538, 561

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 148/403, 421, 538, 561

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST, search terms=amorphous and (matrix or reinforcement)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,567,251 A (PEKER et al.) 22 October 1996, see entire document.	21-28
X	US 5,567,532 A (PEKER et al.) 22 October 1996, see entire document.	21, 23-28
X	US 6,010,580 A (DANDLIKER et al.) 04 January 2000, see entire document.	21-28
A	US 4,612,059 A (MORI et al.) 16 September 1986, see entire document.	1-28
A	US 5,288,344 A (PEKER et al.) 22 February 1994, see entire document.	6,7
A	US 5,735,975 A (LIN et al.) 07 April 1998, see entire document.	1-28
A	WO 00/68469 A (CALIFORNIA INSTITUTE OF TECHNOLOGY) 16 November 2000, see entire document.	1-28
A,P	WO 03/040422 A1 (JOHNS HOPKINS UNIVERSITY) 15 May 2003, see entire document.	1-28
X,P	DE 10237992 A1 (LEIBNIZ INSTITUT) 27 March 2003, see entire document.	21-28



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